AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1.   (Currently Amended) In a data processing system having a cache, a method for generating an uncached ~~objects~~ object comprising:

[[(a)]] locating ~~at least one~~ a first component that is related to ~~an~~ the uncached object, the first component including a component tag and a component payload, and the at least one component being present in either the cache or a storage system;

locating a second component that is related to the uncached object in either of the cache or the storage system, the second component including a component tag and a component payload; and

[[(b)]] constructing, by the cache, the uncached object at least from the located ~~at least one component~~ first and second components.

2.   (Currently Amended) The method of claim 1, ~~wherein step b the~~ further ~~comprises~~ comprising obtaining the located ~~at least one component~~ first and second components.

3.   (Cancelled)

4.   (Cancelled)

5.   (Currently Amended) The method of claim 1, further comprising deriving one or more of the ~~at least one component~~ first and second components from an object.

6.   (Currently Amended) The method of claim 1, further comprising storing the constructed object in the cache.

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7.   (Currently Amended) The method of claim 1, further comprising generating, by the cache, a request for the object.

8.   (Currently Amended) The method of claim 1, wherein the object is an image file.

9.   (Currently Amended) The method of claim 8, wherein the image file is a JPEG-2000 file.

10.   (Currently Amended) The method of claim 1, wherein the ~~at least one component is~~ components constitute an ~~images~~ image file.

11.   (Currently Amended) The method of claim 10, wherein the image file is a JPEG-2000 file.

12.   (Currently Amended) The method of claim 1, wherein the object is web page.

13.   (Currently Amended) The method of claim 1, wherein the ~~at least one component is~~ components constitute a web page.

14.   (Currently Amended) The method of claim 1, wherein the object is a document.

15.   (Currently Amended) The method of claim 1, wherein the ~~at least one component is~~ components constitute a document.

16-30. (Cancelled)

31.   (Currently Amended) In an image server having a cache, a method for obtaining an image comprising:
        (a) obtaining the image from the cache, if the image is present within the

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cache, otherwise, the image server having the capability of:

(b) constructing the image from one or more of a plurality of cache image components, if the cache has one or more cache image components from which the image can be produced, otherwise,

(c) determining whether to construct the image using ~~an~~ one or more uncached image ~~component~~ components stored in a remote storage.

32. (Currently Amended) The method of claim 31, further comprising constructing the image from the uncached image component stored in remote storage and one or more cached image components, upon determining to construct the image using the uncached image component.

33. (Currently Amended) The method of claim 31, further comprising constructing the image from the remote stored image component upon determining to construct the image using the uncached image component stored in the remote storage.

34. (Original) The method of claim 31, further comprising obtaining the image from the remote storage if it is determined not to construct the image.

35. (Currently Amended) The method of claim 31, wherein the image is a JPEG 2000 image.

36. (Currently Amended) In an image server having a cache, a method for obtaining an image comprising obtaining the image from the cache, if the image is present within the cache, otherwise the image server is adapted to ~~constructing~~ construct the image from components obtained from one of the cache only, remote storage only, and a combination of the cache and the remote storage.

37. (Currently Amended) The method of claim 36, wherein the image is a compressed image.

38-42. (Cancelled)

43.   (Currently Amended) A method of generating uncached objects in a data processing system having a cache comprising:

locating at least one component that is related to an uncached object, wherein the uncached object comprises a plurality of components that are each individually identifiable and accessible; and

~~constructing~~ assembling, by the cache, a portion of the uncached object from the located at least one component.

44.   (Currently Amended) A method of generating uncached objects in a data processing system having a cache comprising:

locating at least one component, of a plurality of components, that is related to an uncached object; and

~~constructing~~ assembling, by the cache, a portion of the uncached object from the located at least one component.

45.   (Currently Amended) A method of generating uncached objects in a data processing system having a cache comprising:

locating at least one portion, of a plurality of portions, that is related to an uncached object; and

~~constructing~~ assembling, in cooperation with the cache, the uncached object from the located at least one portion.

46.   (Cancelled)

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